

SITE NAME: JOHNS MANVILLE MANUFACTURING PLANT SITE
DATE: DECEMBER 06, 1996
SUBJECT: POLREP #15
LOCATION: NASHUA, NEW HAMPSHIRE
POLLUTANT: ASBESTOS
OCCURRENCE DATE: MAY 3, 1995
MEDIA AFFECTED: AIR AND SOIL
SEVERITY: MEDIUM
CATEGORY: INLAND/NON-TRANSPORTATION
SOURCE/CAUSE: ABANDONED MANUFACTURING FACILITY
CERCLIS ID #: NHD001085372
SITE ID NUMBER: 2J
REGION: I
OSC: PAUL R. GROULX, US EPA
OFFICE OF SITE REMEDIATION & RESTORATION
EMERGENCY PLANNING AND RESPONSE BRANCH
SITE EVALUATION & RESPONSE SECTION I
JOHN F. KENNEDY FEDERAL BUILDING (HBR)
BOSTON, MASSACHUSETTS 02203-0001
(617) 573-5716/573-9662 fax

SITE TELEPHONE NUMBERS: (603) 882-8995 EPA/START
(603) 882-7192 fax

LATEST POLREP: Polrep #13 - November 29, 1996

I. Background

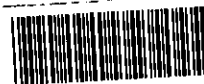
See the previous POLREPs or Action Memorandum and Addendums.

II. Action (November 23 through December 07, 1996)

Demolition activities continued. To date, a total of 58,300 square feet of buildings have been removed. A total of 114 rolloff loads and 223 truck loads of asbestos-contaminated material (ACM) debris were shipped to the Nashua landfill for disposal for a total of 5,516 tons. In addition, 192 tons of steel have been shipped off-site for recycling.

Perimeter, area, and personal air monitoring was conducted during all demolition activities. Air monitoring activities at the site consisted of real-time aerosol monitoring (RAM) stations, high volume perimeter sampling stations, and personal/area sampling stations.

Results of all on-site air monitoring have not indicated the presence of asbestos or dust at unsafe levels. The New Hampshire Department of Health and Human Services (NH DHHS), the City of Nashua Health Department, and the U.S. Environmental Protection Agency continued to evaluate the air monitoring data on a daily basis to ensure that there was no release of contaminants off-site. As of December 6, 1996, there have been 645 air samples collected, 26 of which were collected during the past two weeks.



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RAM stations were not included in the number of total samples collected.

Background soil sampling (off-site) was performed in August 1996. Currently, random soil samples are being collected from the former Building No. 10 foundation/pad area. To date, a total of 142 soil samples have been collected, including both the background and Building No. 10 samples.

Task Force meetings are being held weekly to discuss site activities. Organizations/agencies represented included the EPA (OSC), New Hampshire Department of Environmental Services (NH DES), New Hampshire Department of Health and Human Services (NHDHHS), the Nashua Board of Health (BOH), the Nashua Mayor's Office which is represented by the Nashua Fire and Rescue Department.

DAILY SUMMARY OF REMOVAL ACTIVITIES

DATE	WEATHER	TEMP °F	AIR SAMPLES	SOIL SAMPLES	T&D* LOADS	WEIGHT IN TONS
11/25/96	Snow	27-33	2	0	23 ACM** 0 STEEL	429.3 0
11/26/96	Rain	35-37	0	0	22 ACM 0 STEEL	394.1 0
11/27/96	Snow Clouds	24-28	0	0	17 ACM 0 STEEL	303.7 0
11/28/96	Holiday	--	--	--	--	--
11/29/96	Demob.	--	--	--	--	--
12/02/96	Rain	44-55	0	0	0 ACM 0 STEEL	0 0
12/03/96	Clear	27-38	7	1	11 ACM 0 STEEL	233.4 0
12/04/96	Clear	27-52	11	2	20 ACM 2 STEEL	411.8 10.6
12/05/96	Cloudy	33-38	8	0	26 ACM 2 STEEL	503.8 15.8
12/06/96	Snow	30-40	0	0	15 ACM 1 STEEL	257.5 7.4

* - Transportation and Disposal ** - Asbestos-Containing Material

ACTIVITIES:

Underground Storage Tanks (USTs)

OHM excavated the UST area, removed the second 10,000 gallon UST (T-02) and staged it on the northern portion of the site pending future decontamination and recycling of the steel. Cleaning of the tanks will be performed by the NHDES oil spill contractor.

Building 10 Foundation Pad Removal

OHM continued the removal of the Building No. 10 concrete pad and foundation. A significant volume of waste material has been observed beneath the pad and within the foundation walls to a depth of approximately four feet. The depth of waste material below grade level is undetermined at this time. The digging of test pits will be conducted in the future to determine the depth of waste materials. Once the foundation material is removed an extent of contamination study is planned to further determine future cleanup options and related cost for this area. OHM stockpiled the excavated ACM materials and loaded the material into tri-axle dump trucks with 22-cubic yard beds. Water was used throughout the operation for dust suppression and for vehicle decontamination. Approximately 23,680 square feet of the Building No. 10 pad was removed. This represents 80 percent of the 29,900 square foot area of the building. A total of 134 truck loads of ACM material were transported during this two week period for a total of 2,533.6 tons.

Weekly Task Force Meetings

The weekly Task Force meeting was held on Thursday, 5 December and included the discussion of work completed to date and future on-site activities. Topics discussed included the Building No. 10 pad and foundation removal, the planned winter site activities and the extensive waste material present at the Building No. 10 pad. The task force members concurred that despite the limited funding involved, the primary objectives were to remove the failing and deteriorating buildings, to remove the existing foundations and associated asbestos waste material, and to address the contaminated on-site soil. The contaminated soil will be addressed through either removal or encapsulation (capping) of the soil. The planned extent of contamination study for the site will assist in the determination of the most cost-

effective distribution of available funds. At present, the project is ahead of schedule and under budget, despite the large volume of ACM debris being removed. Costs are being kept at a minimum due to in part to the waiver of landfill disposal fees as a result of a cooperative agreement between the EPA and the City of Nashua. Also discussed at the meeting were the underground storage tank removal, the cement and silo removal, the baghouse decontamination, and the EPA/REAC air dispersion model.

Site Survey

Holden Surveying and Engineering of Bedford, New Hampshire, performed the site survey. Representatives of Holden Engineering required three days to perform the on-site field work for the base map.

Cement and Silo Recycling

The OSC with support from the State NH DES representatives are aggressively working to arrange for the recycling of cement existing within three cement silos on site. Area concrete firms are being informed of the EPA interest in recycling the approximately 200 tons of Portland Type I cement. Difficulties encountered regarding the potential recycling of the cement include its white color, which is not preferred by most cement companies. A second problem is its physical removal from the silos within the collapsing building.

Guilford Rail Industries

A representative, George S. Thayer, Chief Engineer - Design & Construction from Guilford Rail Industries (GRI), a subsidiary of Boston and Maine Corporation, was on site and discussed work and liability issues with the OSC. The GRI representative was briefed on the pending demolition of Building No. 40 and the potential impacts which may occur during demolition. The potential asbestos contamination of the abutting railroad property owned by GRI was discussed. The OSC indicated that GRI will be notified prior to any work being performed adjacent to the GRI property.

Steel I-Beams

The city of Nashua Department of Public Works (DPW) provided a flat bed, loader and crew to load out five truck loads of steel I-beams for recycling.

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Miscellaneous Site Events

On Friday 22 November, the Channel 9 (WMUR) television station of Manchester, New Hampshire, was on site for an update of site activities. The station prepared a segment which appeared on the 22 November evening news.

III. Financial

	<u>Ceiling</u>	<u>Obligated</u>	<u>Balance</u>
ERCS Contractor			
Drum Removal (1995)	\$ 500,000	\$ 464,446	\$ 35,554
Demolition/Restoration	\$ 3,200,000	\$ 526,599	\$2,673,400
Total	\$ 3,700,000	\$ 991,045	\$2,708,954

TOTAL ERCS PROJECT CEILING: \$3,700,000

IV. Future Plans

OHM will continue to conduct demolition and loadout activities in accordance with the U.S. EPA Work Plan.

The Johns Manville Demolition Bulletin continues to be prepared and distributed by the NHPHHS on a bi-weekly schedule (Wednesday, November 20, 1996). Over 1,000 copies of the latest bulletin were distributed to occupants of residences and businesses in the surrounding neighborhood.

Tentative Schedule:

Dec 02 thru Dec 06	- Continued Loading out debris from pad #10
Dec 05 thru Dec 13	- Cleanup of baghouses
Dec 09 thru Dec 20	- Initiate demolition and loadout from pad #40
Dec 11	- On site meeting for crane bidders
Dec 12	- Site weekly task force meeting
Dec 16	- EPA ERTC & REAC on site to review air model
Dec 18	- Crane bids due
Dec 19	- Site weekly Task Force meeting
Dec 21 thru Dec 31	- Christmas holiday shutdown
Jan 01 thru Jan 05	- New Year's holiday shutdown
Jan 06	- OHM to remobilize to the site
Jan 08	- Initiate pre-demolition activities in Building No. 40, Section D

Site work will continue until such time as weather conditions (i.e., freezing temperatures or heavy snow falls) necessitate the temporary shutdown of site activities.

CASE PENDING

POLREP DISTRIBUTION LIST

Polrep #15

December 6, 1996

Johns Manville Manufacturing Plant Site
40 Bridge/10 Sanders Street, Nashua, NH

- ☒ M_x National Response Center (G-TGC-2), Headquarters USCG,
Room 2611, 2100 2nd St., S.W., Washington, DC 20593
- ☒ M_x US EPA, Arthur Johnson, Emergency Response Division (5202G)
401 M St., S.W., Washington, DC 20460
- ☒ M_x Philip O'Brien, NH Dept. of Environmental Services
P.O. Box 95, 6 Hazen Drive, Concord, NH 03301-6509
- ☒ M_x Dennis Pinski, Bureau of Health Risk Assessment
NH Div. of PHS, Health & Human Service Building
6 Hazen Drive, Concord, NH 03301-6527
- ☒ M_x Daniell R. Spear, NH Dept. of Environmental Services
P.O. Box 95, 6 Hazen Drive, Concord, NH 03301-6509
- ☒ M_x Edward Lewis, Executive Assistant to the Mayor, City Hall
229 Main Street, P.O. Box 2019, Nashua, NH 03061-2019
- ☒ M_x Michael P. Buxton, Assistant Fire Chief,
Nashua Fire Department, Administrative Office,
2 Conant Road, Nashua, NH 03062-1899
- ☒ M_x Bonnie St. Pierre, President, JM Citizens Task Force
11 "C" Street, Nashua, NH 03060

EPA, Boston

- ☒ L_x John P. DeVillars, Regional Administrator, ORA-100
- ☒ L_x Pat Meaney, Office for Sr. Advisor for Management IRA-101
- ☒ L_x Steve Perkins, Office of Admin. & Resource Mgt., OARM-700
- ☒ L_x Nancy Grantham, Office of Regional Administrator, ORAA-100
- ☒ L_x Liza Judge, Office of Senior Advisor for Policy, ORA-103
- ☒ L_x Johanna Hunter, Office of Senior Advisor, ORA-103
- ☒ L_x Rudy Brown, Gov't Relations, RGR
- ☒ L_x Linda Murphy, Director, OSRR, OSRR-500
- ☒ L_x Frank Ciavattieri, Deputy, OSRR, OSRR-500
- ☒ L_x Dennis Huebner, OSRR, OSRR-500
- ☒ P_x John Gauthier, Office of Criminal Investigations CID
- ☒ P_x Thomas Papineau, Investigations Office, OIG/I
- ☒ P_x Paul McKechnie, Investigations Office, OIG/A

- ☒ L_x Joel Blumstein, OES - SES, PES-404
- ☒ L_x Linda Byrne - PCC, OARM-703
- ☒ L_x Hillary Kelley - PCC, OARM-703
- ☒ L_x John Carlson, Contract Management, OSRR-514
- ☒ L_x Caroline Marchant - Contract Management, OSRR-514
- ☒ L_x Suzanne Simon - ATSDR Regional Office

From Record

Regional Response Team

- ☒ P_x NOAA, Gerald Wheaton, G-MOR, C/O USCG Commandant
- ☒ M_x DOI, Andrew Raddant, Acting Regional Environmental Officer,
408 Atlantic Avenue, Room 142, Boston, MA 02110-3334

EPA, OSRR

- ☒ L_x Berger
- ☒ L_x McIntyre
- ☒ B_x Office File (Vivian Coughlin)
- ☒ B_x Groulx, OSC (w/Copy of Distribution List)
- ☒ L_x R. Hinten, H&S
- ☒ L_x Mackie (Enf Coord)
- ☒ L_x O'Halloran
- ☒ L_x Verdone